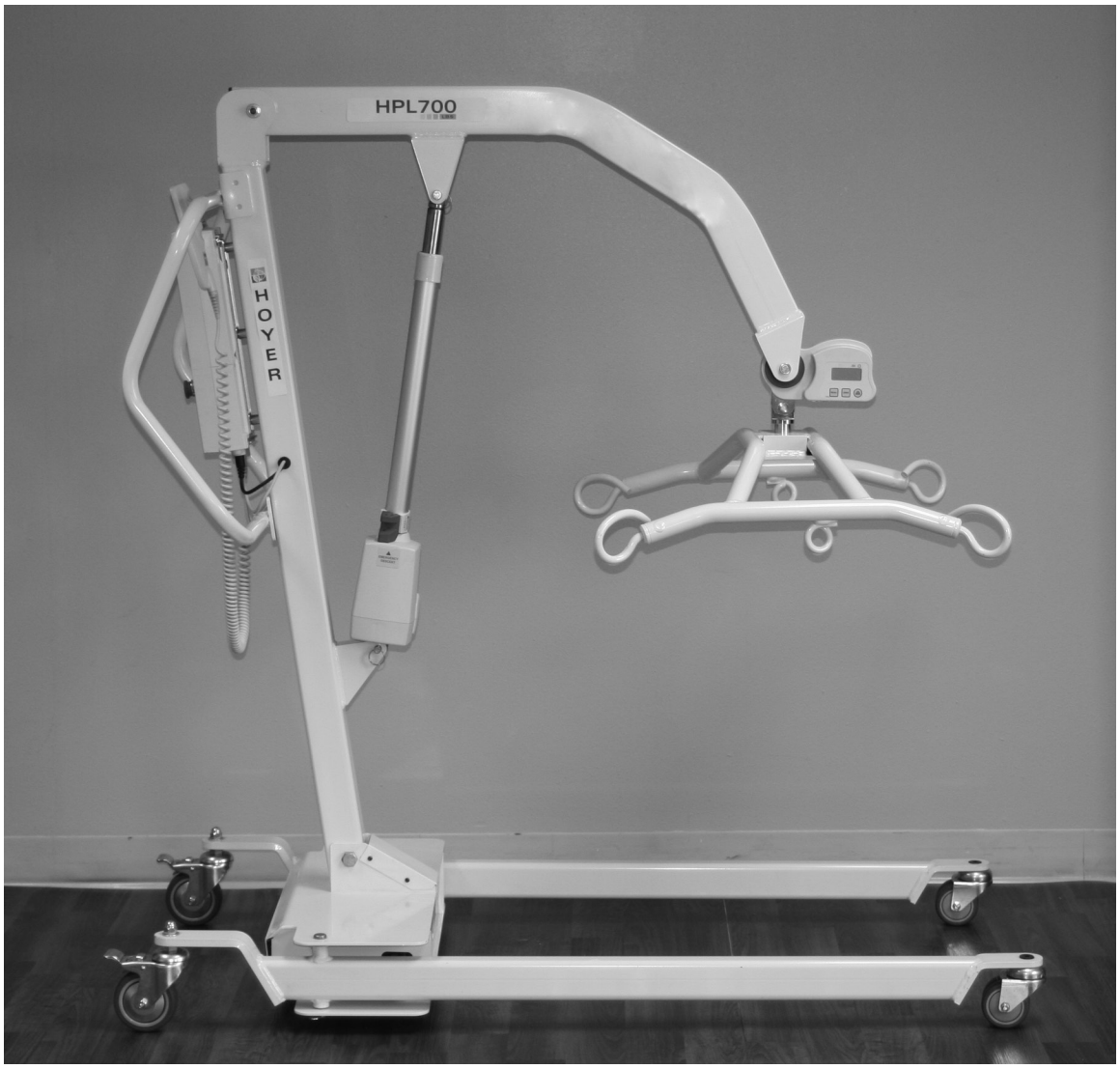
Joerns Healthcare

Service-Parts Manual
Joerns® Lifting and Repositioning
Model HPL700, HPL700WSC

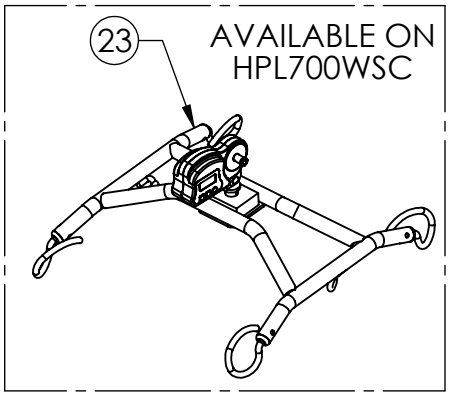
To avoid injury, read user's manual before using.

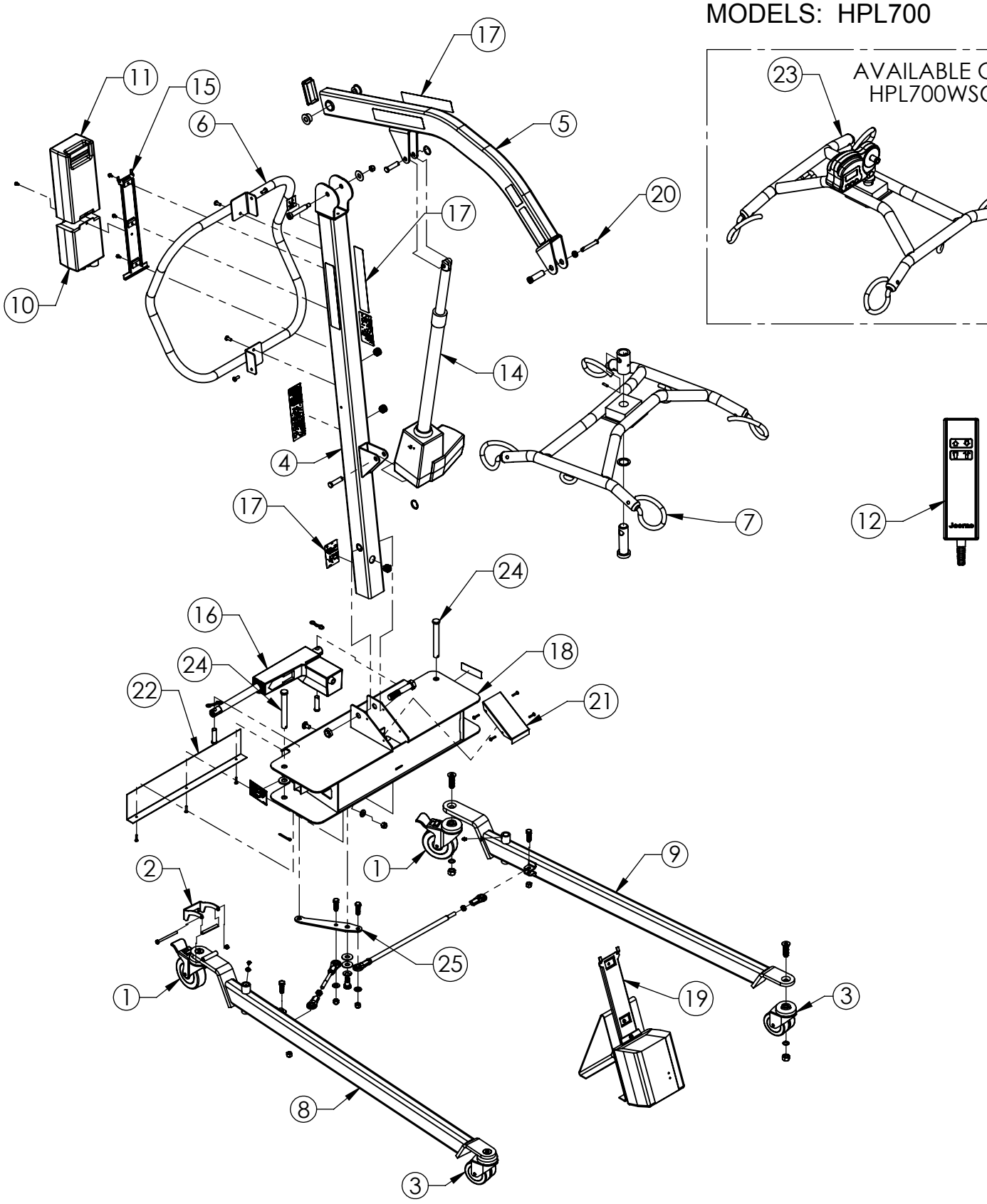


redefining patient handling

HPL700 PATIENT LIFT
SERVICE COMPONENTS

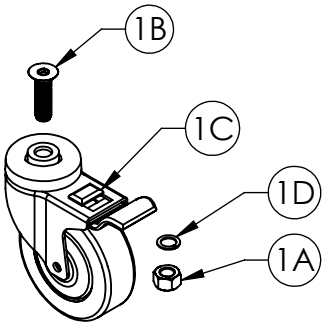
MODELS: HPL700





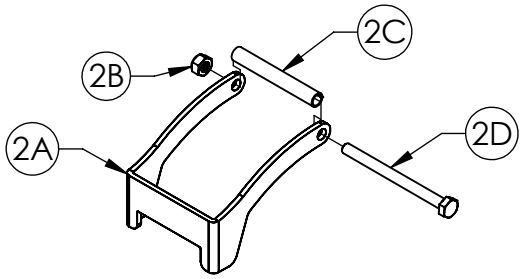
USE NUMBER BALLOONS ON THIS PAGE TO MATCH TO CORRESPONDING BILL OF MATERIALS ON THE FOLLOWING PAGES.

HPL700 PATIENT LIFT
SERVICE COMPONENTS
MODELS: HPL700



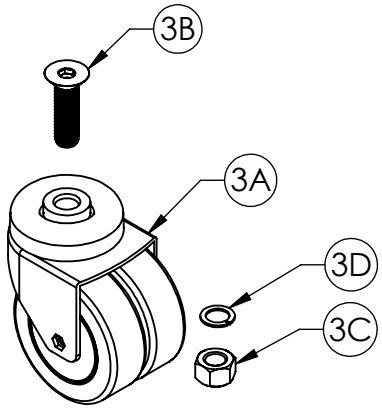
1

ITEM 1	39001076	Rear Caster Components	
PART	PART #	DESCRIPTION	QTY
1A	600-1581	NUT,HEX,STL,1/2-13,OIL COAT	1
1B	12540618	SCREW, 1/2-13 X 1-3/4 CSFH	1
1C	11013617	CASTER, REAR	1
1D	12856102	WASHER- #10 LOCK	1



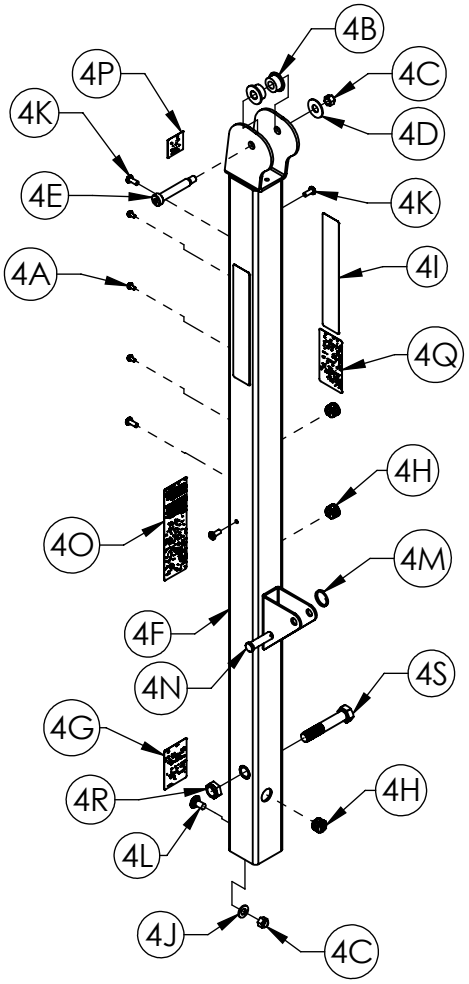
2

ITEM 2	39001077AL	Straight-Line Caster Guide Components	
PART	PART #	DESCRIPTION	QTY
2A	11013622AL	BAIL, CASTER	1
2B	12671008	NUT, NYLOCK, M6	1
2C	11013623	BAIL, BUSHING	1
2D	12523170	BOLT, M6X75, HHCS, ZC	1



3

ITEM 3	39001078	Front Caster Components	
PART	PART #	DESCRIPTION	QTY
3A	11013616	CASTER, FRONT	1
3B	12540618	SCREW, 1/2-13 X 1-3/4 CSFH	1
3C	600-1581	NUT,HEX,STL,1/2-13,OIL COAT	1
3D	12856102	WASHER- #10 LOCK	1

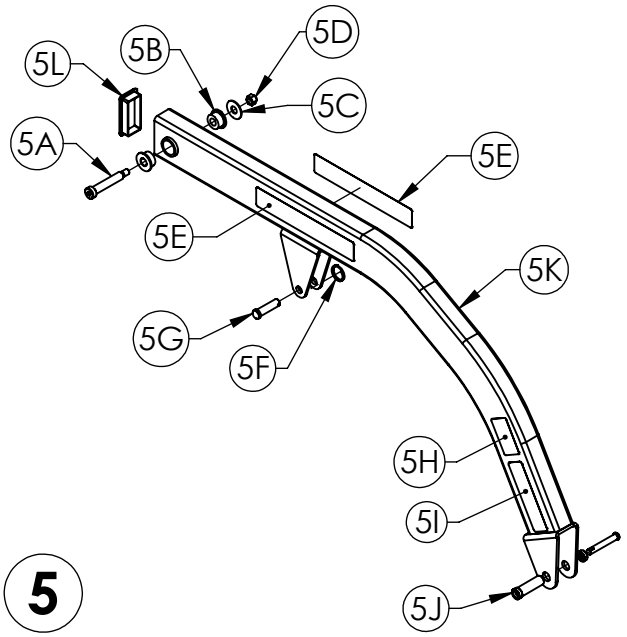


4

ITEM 4	39001079	Mast Assembly Components	
PART	PART #	DESCRIPTION	QTY
4A	12551012	SCREW, #10-24 X 3/8	3
4B	11013452	BEARING, BOOM	2
4C	12673718	3/8-16 NYLOCK NUT	2
4D	12849113	WASHER, FLAT	1
4E	12523780	BOLT, 1/2" X 2-1/2, SHOULDER	1
4F	24006352AL	WLD., MAST, HPL700	1
4G	11013664	LABEL, WARNING, BOLT	1
4H	12200025	HEYCO, #1517 STRAIN RELIEF	3
4I	11013658	LABEL, BRANDING, "HOYER"	2
4J	12843789	WASHER,FLAT STL 3/8 SAE BLK OX	1
4K	12552592	SCREW, 1/4-20 X 5/8, TTHTFS, CLEAR ZINC	4
4L	12523709	BOLT, 3/8-16 X 3/4, CARRIAGE	1
4M	12809807	RING, KICKOUT	1
4N	11012238	PIN, SLEEP SURFACE PIVOT	1
4O	11013577	LABEL, BATTERY CHARGING NOTE	1
4P	11013579	LABEL, SAFE WORKING LOAD	1
4Q	11013578	LABEL, GUIDELINES	1
4R	600-1572	NUT,LK,STL,NYL INS,5/8-11	1
4S	X-63	BOLT, 5/8-11 X 3-1/2 LG, GRADE 5	1

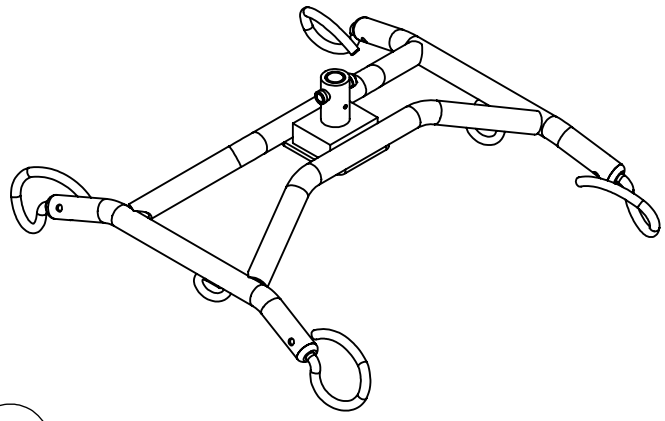
HPL700 PATIENT LIFT
SERVICE COMPONENTS

MODELS: HPL700



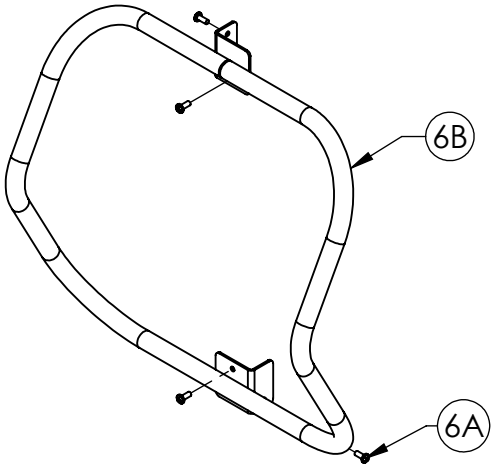
5

ITEM 5 39001080AL Boom Assembly Components			
PART	PART #	DESCRIPTION	QTY
5A	12523780	BOLT, 1/2" X 2-1/2, SHOULDER	2
5B	11013452	BEARING, BOOM	1
5C	12849113	WASHER, FLAT,	1
5D	12673718	3/8-16 NYLOCK NUT	2
5E	11013661	LABEL, BRANDING, "HPL700"	1
5F	12809807	RING, KICKOUT	1
5G	11012238	PIN, SLEEP SURFACE PIVOT	1
5H	11013581	LABEL, SPREADER BAR	1
5I	11013662	LABEL, SLING SIZE	1
5J	0Y0750	KIT, QUICK RELEASE PIN	1
5K	24006353AL	WLD., BOOM, HPL700	1
5L	12470484	RECT CAP PLUG 1.5 X 2.5	1



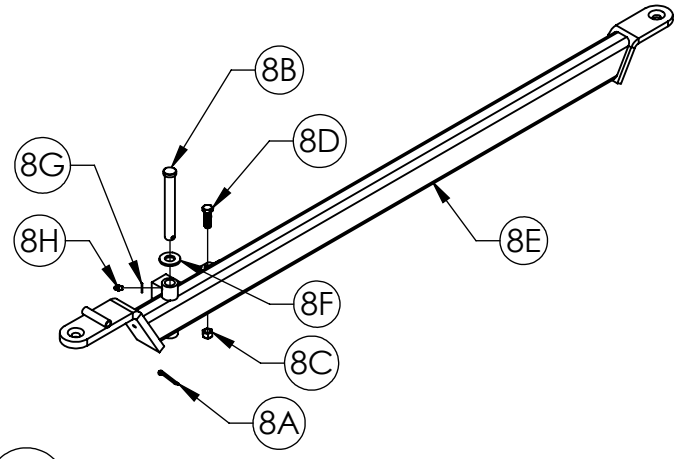
7

ITEM 7 39001082AL Cradle w/o Scale Components			
PART	PART #	DESCRIPTION	QTY
7A	0Y0750	KIT, QUICK RELEASE PIN	1
-	-	WASHER	1
-	-	ROLLPIN, 3/16 X .75	1
-	-	SLEEVE, KING PIN	1
-	-	PIN, KING, CROSS-HOLE	1
-	-	CRADLE, HPL700	1



6

ITEM 6 39001081AL Push Handle Assembly Components			
PART	PART #	DESCRIPTION	QTY
6A	12552592	SCREW, 1/4-20 X 5/8, TTHTFS, CLEAR ZINC	4
6B	24006382AL	WELD., HANDLE	1



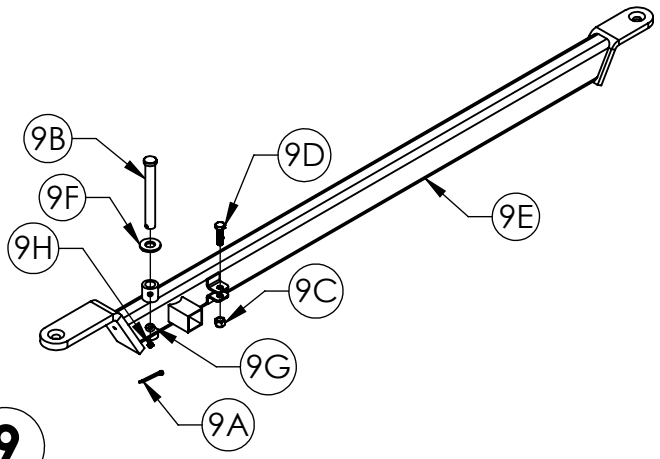
8

ITEM 8 39001083AL Right Leg Assembly Components			
PART	PART #	DESCRIPTION	QTY
8A	12757508	COTTER PIN, HAMMER LOCK 5/32 X 1-1/2	1
8B	11013556	PIN, CLEVIS, .625 X 4.886	1
8C	12673718	3/8-16 NYLOCK NUT	1
8D	12543716	BOLT, 3/8-16 X 1-1/4, HHMS	1
8E	24006355AL	WLD., LEG, RH, HPL700	1
8F	12522507	WASHER, HARDENED, 5/8"	1
8G	12856103	WASHER .260X.562X.060 ST ZC	1
8H	12500024	1/4-28 MALE STRAIGHT, THREADED GREASE FITTING	1

" - " = INDIVIDUAL COMPONENTS NOT AVAILABLE

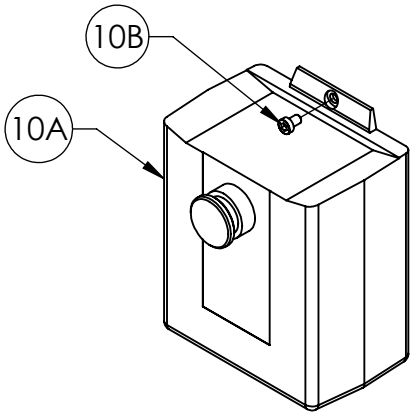
HPL700 PATIENT LIFT
SERVICE COMPONENTS

MODELS: HPL700



9

ITEM 9 39001084AL Left Leg Assembly Components			
PART	PART #	DESCRIPTION	QTY
9A	12757508	COTTER PIN, HAMMER LOCK 5/32 X 1-1/2	1
9B	11013556	PIN, CLEVIS, .625 X 4.886	1
9C	12673718	3/8-16 NYLOCK NUT	1
9D	12543716	BOLT, 3/8-16 X 1-1/4, HHMS	1
9E	24006356AL	WLD., LEG, LH, HPL700	1
9F	12522507	WASHER, HARDENED, 5/8"	1
9G	12856103	WASHER .260X.562X.060 ST ZC	1
9H	12500024	1/4-28 MALE STRAIGHT, THREADED GREASE FITTING	1



10

ITEM 10 39001085 Control Unit Components			
PART	PART #	DESCRIPTION	QTY
10A	11013645	CONTROL BOX, CBJ CARE W/O CHARGER	1
10B	400-3017	SCREW,MTG,LINAK,HME	1

11

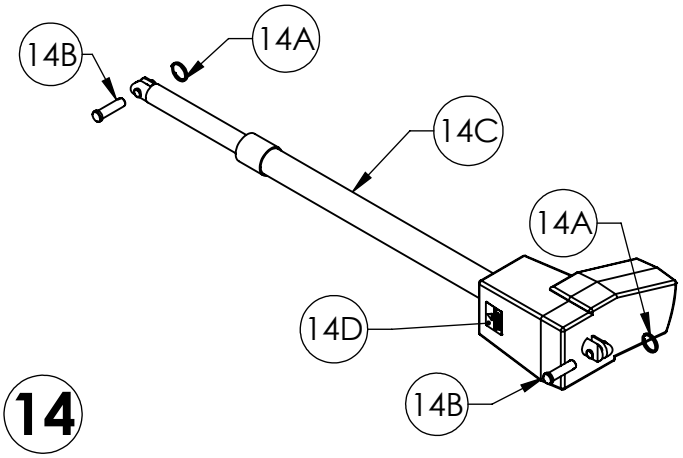
ITEM 11 0Y00067 Battery Components			
PART	PART #	DESCRIPTION	QTY
11A	11012180	BATTERY 24V RECHARGABLE	1

12

ITEM 12 39001088 Pendant Components			
PART	PART #	DESCRIPTION	QTY
12A	11013611	PENDANT w/ Magnet	1

13

ITEM 13 0Y0114 Mains Cable Component			
PART	PART #	DESCRIPTION	QTY
13A	11012182	CABLE MAINS US	1

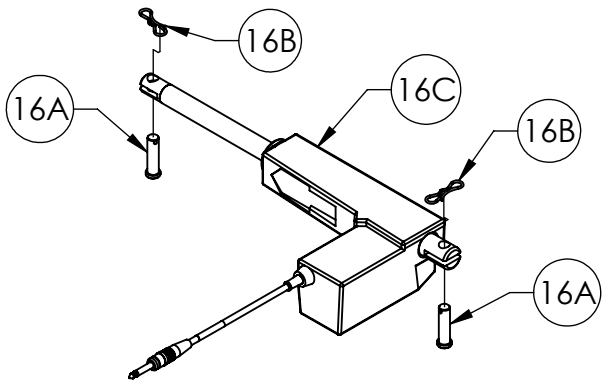


14

ITEM 14 39001092 Actuator Components			
PART	PART #	DESCRIPTION	QTY
14A	12809807	RING, KICKOUT	2
14B	11012238	PIN, SLEEP SURFACE PIVOT	2
14C	11012175	ACTUATOR ELEC LA-34 DELUXE	1
14D	11013580	LABEL, EMERGENCY DESCENT	1

15

ITEM 15 0Y0069 Bracket Components			
PART	PART #	DESCRIPTION	QTY
15A	400-3007	BRACKET MTG (CNTRL BOX) LINAK ME LMBJ2	1

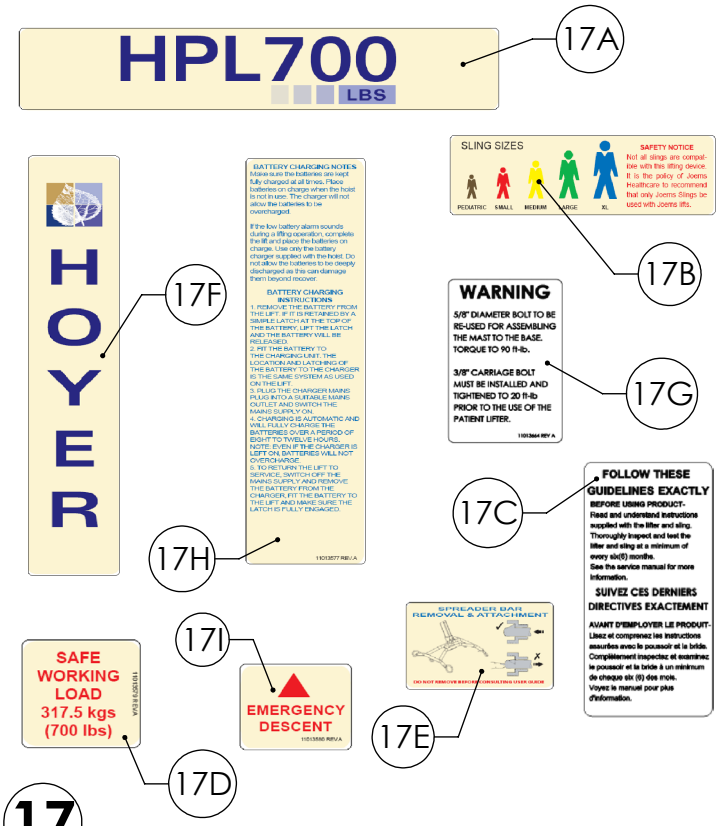


16

ITEM 16 39001094 Leg Actuator Components			
PART	PART #	DESCRIPTION	QTY
16A	11012238	PIN, SLEEP SURFACE PIVOT	2
16B	12809814	CLIP, BOWTIE	2
16C	11013554	ACTUATOR, LEG SPREADER	1

HPL700 PATIENT LIFT SERVICE COMPONENTS

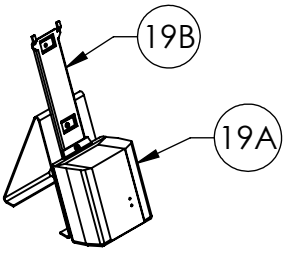
MODELS: HPL700



17

ITEM 17 39001095 Replacement Label Components			
PART	PART #	DESCRIPTION	QTY
17A	11013661	LABEL, BRANDING, "HPL700"	2
17B	11013662	LABEL, SLING SIZE	1
17C	11013581	LABEL, SPREADER BAR	1
17D	11013579	LABEL, SAFE WORKING LOAD	1
17E	11013578	LABEL, GUIDELINES	1
17F	11013658	LABEL, BRANDING, "HOYER"	2
17G	11013664	LABEL, WARNING, BOLT	1
17H	11013577	LABEL, BATTERY CHARGING NOTE	1
17I	11013580	LABEL, EMERGENCY DESCENT	1

18 LOCATED ON PAGE 7

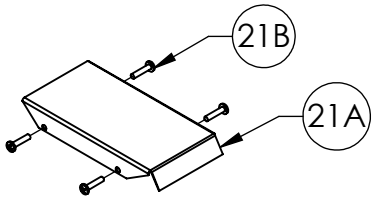


19

ITEM 19 0Y0053 Charger and Stand Components			
PART	PART #	DESCRIPTION	QTY
19A	11012185	CHARGERWALL	1
19B	400-3007	BRACKET MTG (CNTRL BOX) LINAK ME LMBJ2	1

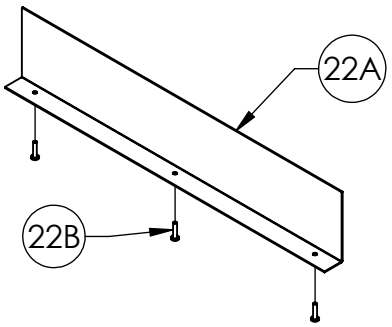
20

ITEM 20 0Y0750 Quick Release Pin Components			
PART	PART #	DESCRIPTION	QTY
20A	0Y0750	KIT, QUICK RELEASE PIN	1



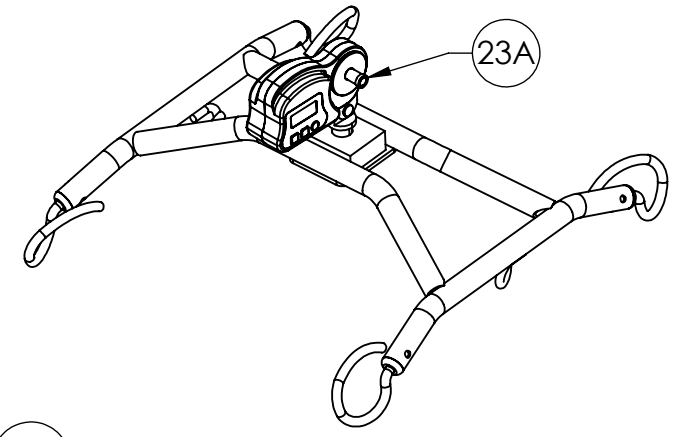
21

ITEM 21 39001097AL Front Cover Components			
PART	PART #	DESCRIPTION	QTY
21A	11013621AL	COVER, FRONT BASE	1
21B	12553203	SCREW,#8.32 X 3/4, PHTFS, TRILOBE	4



22

ITEM 22 39001098AL Rear Cover Components			
PART	PART #	DESCRIPTION	QTY
22A	11013620AL	COVER, BASE REAR	1
22B	12553203	SCREW,#8.32 X 3/4, PHTFS, TRILOBE	3

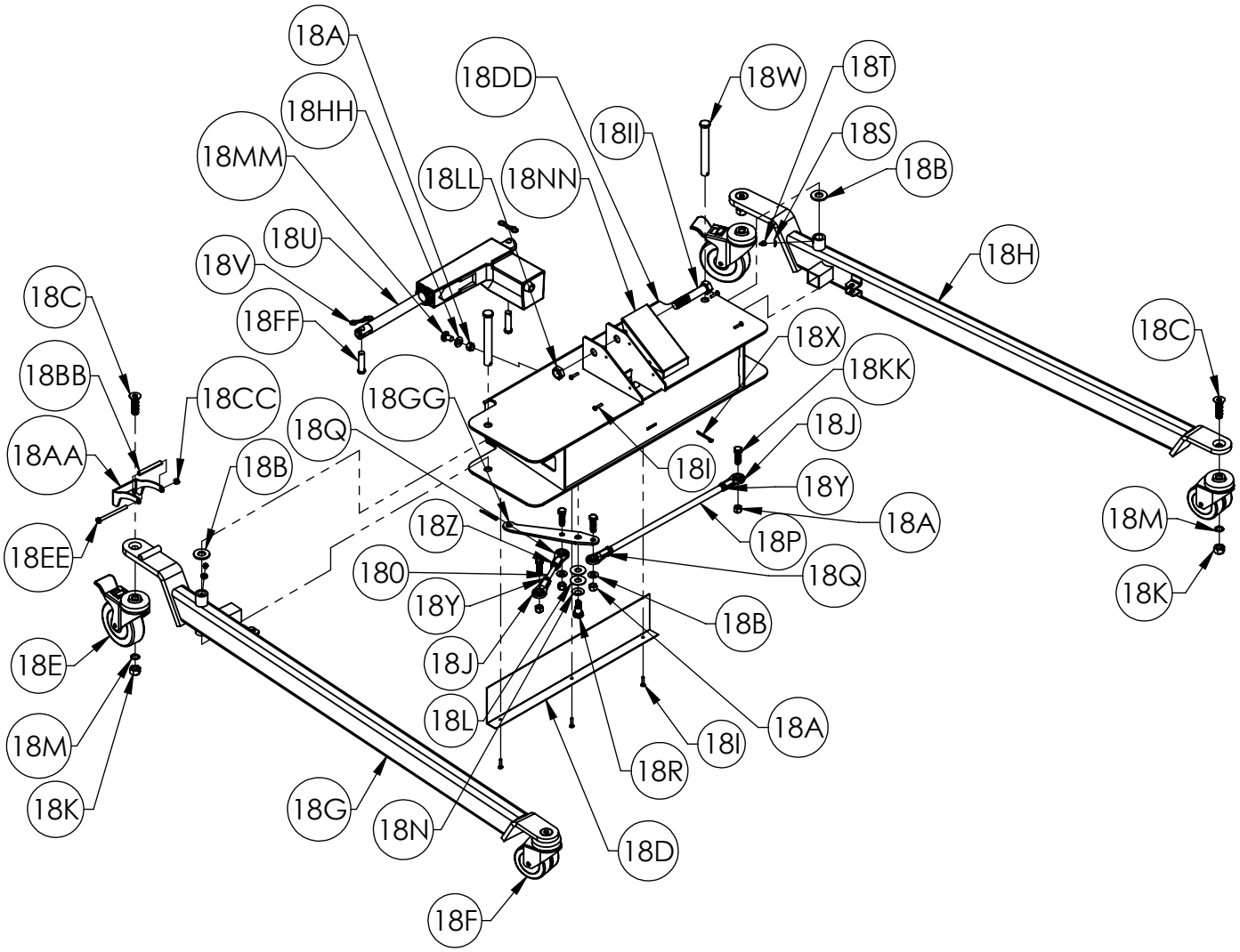


23

ITEM 23 39001099AL Cradle and Scale Components			
PART	PART #	DESCRIPTION	QTY
23A	0Y0750	KIT, QUICK RELEASE PIN	1
-	-	SCALE, HOYER	1
-	-	CRADLE, HPL700	1

"-" = INDIVIDUAL COMPONENTS NOT AVAILABLE

HPL700 PATIENT LIFT
SERVICE COMPONENTS
MODELS: HPL700



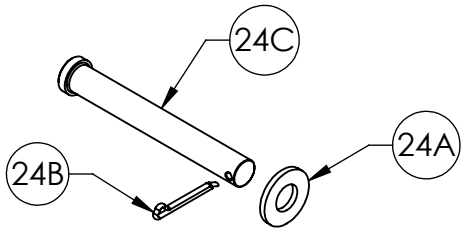
18

ITEM 18 39001096AL Complete Base Assembly Components			
PART	PART #	DESCRIPTION	QTY
18A	12673718	3/8-16 NYLOCK NUT	5
18B	12522507	WASHER, HARDENED, 5/8"	2
18C	12540618	SCREW, 1/2-13 X 1-3/4 CSFH	4
18D	11013620AL	COVER, BASE REAR	1
18E	11013617	CASTER, REAR	2
18F	11013616	CASTER, FRONT	2
18G	24006355AL	WLD., LEG, RH, HPL700	1
18H	24006356AL	WLD., LEG, LH, HPL700	1
18I	12553203	SCREW,#8-32 X 3/4, PHTFS, TRILOBE	7
18J	12313702	ROD END, 3/8-24, FEMALE, LH THREAD	2
18K	600-1581	NUT,HEX,STL,1/2-13,OIL COAT	4
18L	12849113	WASHER, FLAT,	2
18M	12856102	WASHER- #10 LOCK	4
18N	12841853	WASHER, SPRING, 1.0 x .505 x .035	1
18O	11013557	TIE ROD, 3/8 DIA. X 4.14 LG	1
18P	11013558	TIE ROD, 1/2 DIA. X 15.14 LG	1
18Q	400-6205	ROD END, 3/8-24, FEMALE	2
18R	12523779	BOLT, SHOULDER, 1/2 X 3/8 LG	1
18S	12822503	1/4 STUD, PS-STYLE PALNUT	2

18T	12500024	1/4-28 MALE STRAIGHT, THREADED GREASE FITTING	2
18U	11013554	ACTUATOR, LEG SPREADER	1
18V	12809814	CLIP, BOWTIE	2
18W	11013556	PIN, CLEVIS, .625 X 4.886	2
18X	12757508	COTTER PIN, HAMMER LOCK 5/32 X 1-1/2	2
18Y	12690008	JAM NUT, 3/8-24, LH	2
18Z	12690007	JAM NUT, 3/8-24	2
18AA	11013622AL	BAIL, CASTER	1
18BB	11013623	BAIL, BUSHING	1
18CC	12671008	NUT, NYLOCK, M6	1
18DD	24006354AL	WLD., BASE, HPL700	1
18EE	12523170	BOLT, M6X75, HHCS, ZC	1
18FF	11012238	PIN, SLEEP SURFACE PIVOT	2
18GG	11013546AL	LEVER, LEG SREADER ACTIVATION	1
18HH	12843789	WASHER,FLAT STL 3/8 SAE BLK OX	3
18II	X-63	BOLT, 5/8-11 X 3-1/2 LG, GRADE 5	1
18JJ	11012452	LABEL, PRODUCT SERIAL NO.	1
18KK	12543716	BOLT, 3/8-16 X 1-1/4, HHMS	4
18LL	600-1572	NUT,LK,STL,NYL INS,5/8-11	1
18MM	12523709	BOLT, 3/8-16 X 3/4, CARRIAGE	1
18NN	11013621AL	COVER, FRONT BASE	1

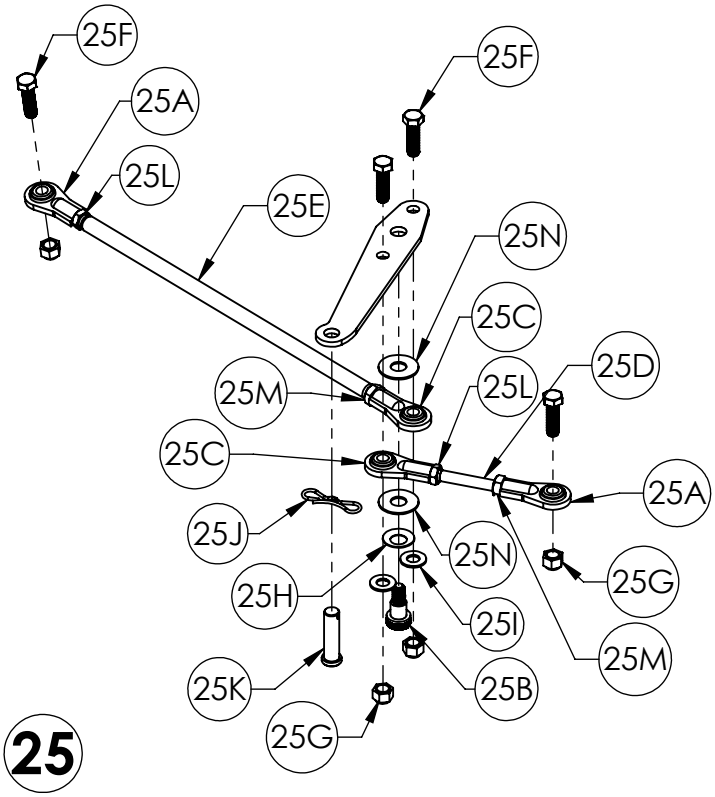
HPL700 PATIENT LIFT
SERVICE COMPONENTS

MODELS: HPL700



24

ITEM 24 39001100 Leg Pivot Components			
PART	PART #	DESCRIPTION	QTY
24A	12522507	WASHER, HARDENED, 5/8"	1
24B	12757508	COTTER PIN, HAMMER LOCK 5/32 X 1-1/2	1
24C	11013556	PIN, CLEVIS, .625 X 4.886	1



25

ITEM 25 39001101AL Tie Rods and Center Pivot Components			
PART	PART #	DESCRIPTION	QTY
25A	400-6205	ROD END, 3/8-24, FEMALE	2
25B	12523779	BOLT, SHOULDER, 1/2 X 3/8 LG	1
25C	12313702	ROD END, 3/8-24, FEMALE, LH THREAD	2
25D	11013557	TIE ROD, 3/8 DIA. X 4.14 LG	1
25E	11013558	TIE ROD, 1/2 DIA. X 15.14 LG	1
25F	12543716	BOLT, 3/8-16 X 1-1/4, HHMS	4
25G	12673718	3/8-16 NYLOCK NUT	4
25H	12841853	WASHER, SPRING, 1.0 x .505 x .035	1
25I	12843789	WASHER,FLAT STL 3/8 SAE BLK OX	2
25J	12809814	CLIP, BOWTIE	1
25K	11012238	PIN, SLEEP SURFACE PIVOT	1
25L	12690008	JAM NUT, 3/8-24, LH	2
25M	12690007	JAM NUT, 3/8-24	2
25N	12849113	WASHER, FLAT,	2
25O	11013546AL	LEVER, LEG SREADER ACTIVATION	1

Service and Maintenance

Required Tools: Needle Nose Pilers,Standard and Phillips Screw Drivers, Standard and Metric Hex Key Sets (Allen wrenches), 19mm Wrench, 9/16" Wrench 9/16" Socket, 15/16" Wrench, 15/16" Socket, Torque Wrench, Medium Strength Loctite 248 (Blue stick type)

In the event that an inspection of the following components results in the need to replace hardware or assemblies, see the individual service kits listed in the next section of this service manual. Remove lift from service until required repairs are complete.

Note: Joerns Healthcare recommends that nyloc nuts be replaced once removed.

Cradle

1. The cradle assembly is attached to the boom using a security pin that is housed in a steel outer sleeve. Remove the inner security pin by depressing the security tab on one end and pulling the pin out in the opposite direction.
2. Examine the pin for signs of wear and for any damage that may have occurred to the security tab.
3. Be sure to support the cradle before removing the outer sleeve as this is the attachment point. Pull the outer sleeve bushing from the boom pivot. Inspect the outer sleeve for wear.
4. With the outer sleeve removed examine the attachment point of the boom for wear. If the pivot hole is out of round the boom and security pin assembly should be replaced.
5. With the cradle detached from the boom examine the attachment point for wear. This applies to both scale and non-scale versions of the HPL700 patient lift.
6. Disassembling the kingpin or scale from the cradle is not recommended, and may result in injury or death if tampered with.
7. Check the cradle sling hooks for wear or damage. Ensure that the hooks are not bent.

After performing all actions and checks in the previous section reassemble the cradle as follows: Instructions apply to both the scale and non-scale versions.

1. Lubricate the main pivot components (security pin, outer sleeve, and boom pivot attachment holes) with any light mineral-based grease, or silicon spray. Ensure that the there is ample lubricant applied to the contacting surfaces of the security pin and sleeve. Also apply lubricant to the boom pivot attachment holes.
2. Align the cradle attachment point to the boom pivot attachment holes. Insert the outer sleeve of the security pin through the boom attachment holes. Scale versions will have additional spacers that will need to be assembled to each side of the scale housing before the outer sleeve can be inserted in the boom attachment holes.
3. Insert the security pin through the outer sleeve ensuring that the security tab is visible on the opposite side of the outer sleeve when it is assembled.

Note: It is critical that the cradle assembly is inspected after reassembly prior to returning the lift to service.

Boom / Mast

1. Examine the shoulder bolt and nut that attaches the boom to the mast pivot. Ensure that both are fully tightened.
2. Inspect the pivot attachment area of the mast and boom. The bushings located at the pivot point in the boom will need to be replaced if cracked or showing signs of excessive wearing.
3. Check that there is no excessive movement allowed in the mounting area both vertically and horizontally. This will be a good indication of wear and a full inspection of the pivot and mounting area is required. To fully inspect the bushings and pivot area follow these instructions:
    a. Remove the cradle per previous instructions.
    b. Lower the boom to its lowest point.
    c. Loosen the shoulder bolt and nut using a ¼" hex key and 9/16" wrench.
    d. Remove the fasteners and lift the boom from the mast pivot.
    e. Inspect the black bushings located on the boom for cracks and any signs of significant wear.
    f. Inspect the attachment point on the Mast for signs of wear.
    g. If no action is required upon inspection of the pivot area, reassemble, applying any light mineral-based grease, or silicon spray to the interior diameter of the bushings and mast pivot area. Insert the shoulder bolt and replace the nyloc nut with a new one.
    h. Fully tighten the shoulder bolt and nut.
4. Inspect the attachment point of the actuator at the boom. Without disassembling the actuator from the attachment point look for signs of wear at the pivot. Check that there is no excessive movement allowed in the mounting area both vertically and horizontally. This will be a good indication of wear and a full inspection of the pivot pin and mounting area is required. To disassemble the actuator and pivot follow these instructions:
    a. Remove the kick-out ring from the pivot pin, and remove the pin. Lower the actuator to the ground while holding the boom up. Inspect the pin for wear and deformation. Replace the pin and kick-out ring if necessary.
    b. Inspect the actuator mounting bracket on the boom for excessive wear of the holes on both sides of the bracket.
    c. If no action is required upon inspection of the pivot area, reassemble, applying any light mineral-based grease, or silicon spray to the interior diameter of the pivot holes. Lift the actuator and align with the mounting bracket. Insert the pivot pin and insert the kick-out ring.
5. Inspect the attachment point of the actuator at the mast. Without disassembling the actuator from the attachment point look for signs of wear at the pivot. Check that there is no excessive movement allowed in the mounting area both vertically and horizontally. This will be a good indication of wear and a full inspection of the pivot pin and mounting area is required. To disassemble the actuator and pivot follow these instructions:
    a. Remove the kick-out ring from the pivot pin, and remove the pin. Lower the actuator and boom. Inspect the pin for wear and deformation. Replace the pin and kick-out ring if necessary.
    b. Inspect the actuator mounting bracket on the boom for excessive wear of the holes on both sides of the bracket.
    c. If no action is required upon inspection of the pivot area, reassemble, applying any light mineral-based grease, or silicon spray to the interior diameter of the pivot holes. Lift the actuator and align with the mounting bracket. Insert the pivot pin and insert the kick-out ring.

Mast/ Handle

1. Inspect the handle fasteners at the mast. Ensure that all fasteners are secure and in place.
2. Tighten any fasteners that are loose with a T27 Torx driver.

Battery Pack and Control Unit

1. Remove the battery pack and control unit from the bracket. The control unit is held in place by one (1) screw mounted to the metal bracket.
2. Inspect the bracket for damage and ensure that the three (3) screws are secure and in place.
3. Reattach the control unit.
4. Check the engagement of the battery pack with the mounting. The battery pack should snap in place and be held firmly by the latch at the top of the battery pack.
5. Inspect the hand control and cables for obvious signs of damage. Damage to the hand control and particularly the cable can cause intermittent failures. The hand control should be replaced if damage is evident to the control or cables.
6. Check the operation of the hand control. Press the up and down buttons and confirm that the boom moves in the correct direction.
7. Press the leg open and close buttons confirming that the legs move in the proper direction.
8. Check the operation of the emergency stop switch. Push the red button on the control unit. It should remain depressed and operation of the lift should not be possible.
9. Power can be restored by twisting the red button clockwise and releasing.

Mast/ Base

1. Examine the attachment points of the mast to the base. There are two connections that will need to be inspected. The first is located at the top of the base, and consists of a 5/8" bolt and nut. Ensure that the nut is tightened to 90 ft-lbs using a 15/16" wrench in combination with a 15/16" socket and torque wrench. The second connection is located on the interior of the base. This connection can be checked for looseness by grasping the lift's handle, placing a foot on the back of the base, and firmly pushing and pulling the mast. If there is any excessive movement front to back, additional inspection is required. To inspect the attachment point follow these instructions:
   a. With assistance, tip the lift to one side and lay it on the floor.
   b. The attachment that will cause the mast to feel loose is located inside the mast tube and is a nyloc nut and washer.
   c. If the nut is loose be sure to tighten to 20 ft-lb using a 9/16" socket and torque wrench.
   d. With assistance, tip the lift to the upright position and perform the mast check again.
   e. If the fasteners are missing remove lift from service until the required hardware is replaced.

Base/ Legs

1. For stability and safety take note that when the legs are in the closed position they should measure approximately 27" from the outsides of the caster brackets both front and back. They should also be at a 90 degree angle to the base. If these measurements are not correct upon inspection of the lift additional maintenance may be required.
2. Inspect the pivot points of the legs at the base. Ensure that there is not excessive wear of the holes or pins at the top of the base.
3. With assistance tip the lift to one side laying it on the ground. Inspect the cotter pin connections for security. Also, inspect the holes in the base and pivot pins for excessive wear.
4. In the event that a cotter pin is damaged or missing remove the lift from service until the required hardware is replaced.
5. With the lift on its side inspect the connections inside the base at the central pivot. Ensure that all fasteners are secure and in place.
6. Inspect the tie-rods and the tie-rod ends for signs of excessive wear. In addition, inspect the steel pivot attached to the tie-rods for signs of excessive wear.
7. To inspect the actuator and its attachment points, remove the three (3) screws holding the rear cover in place with a T20 Torx driver.
8. Without disassembling the actuator inspect the attachment points of the actuator to the base and central pivot for excessive wear. Check that there is no excessive movement allowed in the mounting area. This will be a good indication of wear and a full inspection of the pivot pin and mounting area is required. To disassemble the actuator from the pivots follow these instructions:
    a. Support the leg that is highest to remove pressure from the actuator mounting. Remove the bowtie clip from the pivot pin, and remove the pin. Lower the leg as needed. Inspect the pin for wear and deformation.
    b. Inspect the actuator mounting plate for excessive wear of the hole.
    c. While supporting the actuator remove the bowtie clip and pin from the central pivot plate. Inspect the pin for wear and deformation. At this point the actuator will be free from the base. Place it in a safe area until reassembly.
    d. Inspect the central pivot for wear at the hole.
    e. If no action is required upon inspection of the pivot area, reassemble, applying any light mineral-based grease, or silicon spray to the interior diameter of the pivot holes.
9. Ensure that the bowtie clips are assembled to the pivot pins and that they are secure.
10. Reassemble the rear cover and screws.
11. With assistance, return the lift to the upright position.

Casters/ Straight-Line Caster Guide

1. Inspection of the front and rear casters for damage. Ensure that the fasteners are securely attached to the mounting brackets.
2. Make sure the casters swivel and the wheels rotate freely. Remove any build up of threads, hair, or dust that may clog bearings and prevent free rotation.
3. Inspect the rear caster's braking mechanism. A foot-operated pedal activates the brakes. Ensure the brake pedals lock in place and that the lift does not move when the brakes are activated.
4. Lubricate if needed with a light mineral based grease or silicon spray.
5. Examine the straight-line caster guide located on a rear caster. Check for damage and ensure that the fasteners are secure.
6. Engage that caster guide and push the lift forward. The guide should only allow for straight line movement.

Notes:

Joerns Healthcare Warranty Program
for Hoyer® HPL700 Lifts

This Warranty covers HPL700 Lifts only. Lifts not covered under this warranty include, but are not limited to: Advance-H, HML400, HPL600WB, HPL600WBSC, HPL402, C-HLA, all HoyerPro (and variations).

HPL700 Lifts are guaranteed for a period of two (2) years from the date of delivery against defects in materials and workmanship under normal use and service. This warranty includes all mechanical and electrical components (excluding DC Batteries and casters).

Steel structural components and mechanical components on lifts are covered under warranty for a period of two (2) years from the date of delivery.

Damage caused by use in unsuitable environmental conditions or failure to maintain the product in accordance with user and service instructions is not covered. Any alteration, modification, or repair unless performed by or authorized in writing by Joerns Healthcare will void this warranty.

Parts

An HPL700 Lift contains various parts that wear from normal use. These parts, such as DC batteries and casters are not covered under the two-year warranty but are covered for 90 days after date of delivery.

Joerns Healthcare's obligation under this warranty is limited to supplying replacement parts, servicing, or replacing, at its option, any product which is found by Joerns Healthcare to be defective.

Warranty replacement parts are covered by the terms of this warranty until the product's original warranty period expires.

When requested by Joerns Healthcare, parts must be returned for inspection at the customer's expense. Credit will be issued only after inspection.

Service

Most service requests can be handled by the facility Maintenance Department with assistance from the Joerns Healthcare Product Service Department.

Most parts requested can be shipped next day air at the customer's expense.

Should a technician be required, one will be provided by Joerns Healthcare, at our discretion. Only the Joerns Healthcare Product Service Department can dispatch authorized technicians.

This warranty is extended to the original purchaser of the equipment.

Joerns Healthcare

Post Acute, Acute, HomeCare
5001 Joerns Drive
Stevens Point WI 54481
(P) 800.826.0270
(F) 800.457.8827

VA/Government
7027 Hayvenhurst Avenue
Van Nuys, CA 91406
(P) 800.966.6662
(F) 800.232.9796

Canadian Office
1000 Clarke Road, Suite 6
London, ON Canada N5V 3A9
(P) 866.546.1151
(F) 519.451.8662

www.joerns.com • email: info@joerns.com

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